

Ranking Tool Summary

for FY2008 - Aquatic At-Risk Species Habitat Conservation

(Released 10/12/2007)

Description:

This funding pool is used to assist landowners interested in Aquatic At-Risk Species Habitat Conservation for Fiscal Year 2008 EQIP. All watersheds in the state have been assigned a high, medium or low priority based on the number of threatened and endangered species that may benefit from the practices being installed. A hard copy of the priority watershed list can be obtained at local offices. All in stream work will require permitting before work can start.

Land Uses:

Crop, Forest, Hay, Pasture, Wildlife

Efficiency Score:

Scoring Multiplier: 1.00

Optional Notes:

National Priorities:

Scoring Multiplier: 10.00

Questions:

Number	Question	Points
1	Will the treatment you intend to implement using EQIP result in considerable reductions of non-point source pollution, such as nutrients, sediment, pesticides, excess salinity in impaired watersheds, groundwater contamination or point source contamination from confined animal feeding operations?	5
2	Will the treatment you intend to implement using EQIP result in a considerable amount of ground or surface water conservation?	5
3	Will the treatment you intend to implement using EQIP result in a considerable reduction of emissions, such as particulate matter, nitrogen oxides (NOx), volatile organic compounds, and ozone precursors and depleters that contribute to air quality impairment violations of National Ambient Air Quality Standards?	5
4	Will the treatment you intend to implement using EQIP result in a considerable reduction in soil erosion and sedimentation from unacceptable levels on agricultural land?	5
5	Will the treatment you intend to implement using EQIP result in a considerable increase in the promotion of at-risk species habitat conservation?	5
Total Points		25

State Issues:

Scoring Multiplier: 10.00

Questions:

Sub-heading Number	Question Number	Question	Points
	1	Is the practice to be implemented located in a watershed identified as High Priority Watershed on the 2008 TN EQIP Aquatic Priority List?	500
	2	Is the practice to be implemented located in a watershed identified as	300

		Medium Priority Watershed on the 2008 TN EQIP Aquatic Priority List?	
	3	Is the practice to be implemented located in a watershed identified as Low Priority Watershed on the 2008 TN EQIP Aquatic Priority List?	100
	4	Does the practice you plan to install exclude livestock from streams or provide only limited access to streams according to NRCS Standards?	100
	5	Are you going to implement a Riparian Forest Buffer according to Natural Resources Conservation Service (NRCS) Standards? Riparian Forest Buffer must be fenced if livestock are present in order to receive points.	100
	6	Is the Riparian Forest Buffer you plan to install adjacent to a 303(d) listed stream?	20
	7	If the applicant has a proposed project that will require permits and/or engineering designs, has he or she already obtained the necessary documents?	40
	8	Will the practice provide wildlife habitat corridor connectivity from another buffer meeting NRCS Standards?	15
	9	Will the practice be installed on or adjacent to a 30 years or longer conservation easement?	15
	10	Has the applicant completed and submitted a Conservation Security Program CSP) Self Assessment?	10
		Maximum Points: Total Points	1200

Local Issues:

Selected Resource Concerns and Practices:

Air Quality: Chemical Drift

- Filter Strip (393)
- Heavy Use Area Protection (561)
- Nutrient Management (590)
- Pest Management (595)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Watering Facility (614)

Air Quality: Excessive Greenhouse Gas - CO2 (carbon dioxide)

- Filter Strip (393)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Mulching (484)
- Nutrient Management (590)
- Pest Management (595)
- Pumping Plant (533)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Domestic Animals: Inadequate Quantities and Quality of Feed and Forage

- Filter Strip (393)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Mulching (484)

- Nutrient Management (590)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Use Exclusion (472)
- Water Well (642)
- Watering Facility (614)
- Domestic Animals: Inadequate Stock Water
 - Grade Stabilization Structure (410)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pipeline (516)
 - Pond (378)
 - Pumping Plant (533)
 - Riparian Forest Buffer (391)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Water Well (642)
 - Watering Facility (614)
- Domestic Animals: Stress and Mortality
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Pumping Plant (533)
 - Riparian Forest Buffer (391)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Use Exclusion (472)
 - Water Well (642)
 - Watering Facility (614)
- Fish and Wildlife: Habitat Fragmentation
 - Channel Stabilization (584)
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Watering Facility (614)
- Fish and Wildlife: Inadequate Cover/Shelter
 - Channel Stabilization (584)
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Mulching (484)

- Nutrient Management (590)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)
- Fish and Wildlife: Inadequate Food
 - Channel Stabilization (584)
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Nutrient Management (590)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Watering Facility (614)
- Fish and Wildlife: T&E Species: Declining Species, Species of Concern
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Watering Facility (614)
- Fish and Wildlife: Threatened and Endangered Fish and Wildlife Species
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pest Management (595)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Spring Development (574)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Watering Facility (614)
- Plant Condition: Forage Quality and Palatability
 - Filter Strip (393)
 - Grade Stabilization Structure (410)

- Heavy Use Area Protection (561)
- Nutrient Management (590)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Plant Condition: Noxious and Invasive Plants

- Channel Stabilization (584)
- Filter Strip (393)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Mulching (484)
- Nutrient Management (590)
- Pest Management (595)
- Pipeline (516)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Plant Condition: Productivity, Health and Vigor

- Channel Stabilization (584)
- Filter Strip (393)
- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Mulching (484)
- Nutrient Management (590)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Pumping Plant (533)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Plant Condition: T&E Plant Species: Declining Species, Species of Concern

- Filter Strip (393)
- Heavy Use Area Protection (561)
- Nutrient Management (590)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Soil Condition: Compaction

- Filter Strip (393)
- Heavy Use Area Protection (561)
- Mulching (484)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Soil Condition: Contaminants-Animal Waste and Other Organics - N

- Filter Strip (393)
- Grade Stabilization Structure (410)
- Heavy Use Area Protection (561)
- Mulching (484)
- Nutrient Management (590)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Stream Crossing (578)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Soil Condition: Contaminants-Animal Waste and Other Organics - P

- Filter Strip (393)
- Grade Stabilization Structure (410)
- Heavy Use Area Protection (561)
- Nutrient Management (590)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Stream Crossing (578)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)

Soil Condition: Damage from Sediment Deposition

- Channel Stabilization (584)
- Filter Strip (393)
- Grade Stabilization Structure (410)
- Heavy Use Area Protection (561)
- Mulching (484)
- Nutrient Management (590)
- Pest Management (595)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Streambank and Shoreline Protection (580)
- Use Exclusion (472)
- Watering Facility (614)

Soil Erosion: Classic Gully

- Channel Stabilization (584)
- Filter Strip (393)

- Grade Stabilization Structure (410)
- Grassed Waterway (412)
- Heavy Use Area Protection (561)
- Mulching (484)
- Pipeline (516)
- Pond (378)
- Riparian Forest Buffer (391)
- Riparian Herbaceous Cover (390)
- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Water Well (642)
- Watering Facility (614)
- Soil Erosion: Sheet and Rill
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Water Well (642)
 - Watering Facility (614)
- Soil Erosion: Streambank
 - Channel Stabilization (584)
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Riparian Herbaceous Cover (390)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Use Exclusion (472)
 - Water Well (642)
 - Watering Facility (614)
- Water Quality: Excessive Nutrients and Organics in Groundwater
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Heavy Use Area Protection (561)
 - Nutrient Management (590)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)

Use Exclusion (472)

Watering Facility (614)

Water Quality: Excessive Nutrients and Organics in Surface Water

Filter Strip (393)

Grade Stabilization Structure (410)

Grassed Waterway (412)

Heavy Use Area Protection (561)

Mulching (484)

Nutrient Management (590)

Pipeline (516)

Pond (378)

Riparian Forest Buffer (391)

Riparian Herbaceous Cover (390)

Spring Development (574)

Stream Crossing (578)

Streambank and Shoreline Protection (580)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Watering Facility (614)

Water Quality: Excessive Suspended Sediment and Turbidity in Surface Water

Channel Stabilization (584)

Filter Strip (393)

Grade Stabilization Structure (410)

Grassed Waterway (412)

Heavy Use Area Protection (561)

Mulching (484)

Pest Management (595)

Pipeline (516)

Pond (378)

Riparian Forest Buffer (391)

Spring Development (574)

Stream Crossing (578)

Streambank and Shoreline Protection (580)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Watering Facility (614)

Water Quality: Harmful Levels of Pathogens in Groundwater

Filter Strip (393)

Grade Stabilization Structure (410)

Heavy Use Area Protection (561)

Nutrient Management (590)

Pipeline (516)

Pond (378)

Riparian Forest Buffer (391)

Spring Development (574)

Stream Crossing (578)

Streambank and Shoreline Protection (580)

Tree/Shrub Establishment (612)

Use Exclusion (472)

Watering Facility (614)

Water Quality: Harmful Levels of Pathogens in Surface Water

Filter Strip (393)

Grade Stabilization Structure (410)

Grassed Waterway (412)

Heavy Use Area Protection (561)

Mulching (484)

Nutrient Management (590)

Pipeline (516)

Pond (378)

Riparian Forest Buffer (391)

Riparian Herbaceous Cover (390)

- Spring Development (574)
- Stream Crossing (578)
- Streambank and Shoreline Protection (580)
- Tree/Shrub Establishment (612)
- Use Exclusion (472)
- Watering Facility (614)
- Water Quality: Harmful Temperatures of Surface Water
 - Channel Stabilization (584)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Pipeline (516)
 - Pond (378)
 - Riparian Forest Buffer (391)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Water Well (642)
 - Watering Facility (614)
- Water Quantity: Excessive Runoff, Flooding, or Ponding
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Pond (378)
 - Pumping Plant (533)
 - Spring Development (574)
 - Streambank and Shoreline Protection (580)
 - Watering Facility (614)
- Water Quantity: Inefficient Water Use on Non-irrigated Land
 - Grade Stabilization Structure (410)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Pest Management (595)
 - Pond (378)
 - Pumping Plant (533)
 - Spring Development (574)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Water Well (642)
 - Watering Facility (614)
- Water Quantity: Reduced Storage of Water Bodies by Sediment Accumulation
 - Channel Stabilization (584)
 - Filter Strip (393)
 - Grade Stabilization Structure (410)
 - Grassed Waterway (412)
 - Heavy Use Area Protection (561)
 - Mulching (484)
 - Pest Management (595)
 - Pond (378)
 - Riparian Herbaceous Cover (390)
 - Spring Development (574)
 - Stream Crossing (578)
 - Streambank and Shoreline Protection (580)
 - Tree/Shrub Establishment (612)
 - Use Exclusion (472)
 - Water Well (642)
 - Watering Facility (614)

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